L Number	Hits	Search Text	DB	Time stamp
-	1	("5475695").PN.	USPAT;	2004/07/01 09:02
	175	(714/720) CCI S	US-PGPUB	2004/06/20 17:01
-	1/3	(714/720).CCLS.	USPAT; US-PGPUB	2004/06/30 17:01
-	2	sagatelianIN.	USPAT;	2004/06/30 16:28
	_		US-PGPUB	
-	5	"HEURISTICS PHYSICS LABORATORIES".AS.	USPAT; US-PGPUB	2004/06/30 16:29
_	52	"Signature Analysis".TI.	USPAT;	2004/07/01 14:20
			US-PGPUB	
-	13811	bitmap or bit?map	USPAT;	2004/06/30 17:01
_	172	(bitmap or bit?map) same cluster	US-PGPUB USPAT;	2004/06/30 17:02
			US-PGPUB	
-	108	(bitmap or bit?map) with cluster	USPAT;	2004/06/30 17:02
	104	((bitmap or bit?map) with cluster) and memory	US-PGPUB USPAT;	2004/06/30 17:02
			US-PGPUB	
-	17	((bitmap or bit?map) with cluster) same memory	USPAT;	2004/06/30 17:02
_	491	(714/719).CCLS.	US-PGPUB USPAT;	2004/07/01 09:05
	,,,	(11117),0025.	US-PGPUB	200 07/01/05/00
-	339	(714/39).CCLS.	USPAT;	2004/07/01 09:06
_	346	(714/45).CCLS.	US-PGPUB USPAT;	2004/07/01 09:07
	340	(114143).00000.	US-PGPUB	200 1101101 05.01
-	209	(714/723).CCLS.	USPAT;	2004/07/01 09:07
_	214	(714/54).CCLS.	US-PGPUB USPAT;	2004/07/01 11:06
	214	(/14/34).CCL3.	US-PGPUB	2004/07/01 11:00
-	270	(714/57).CCLS.	USPAT;	2004/07/01 11:18
_	494	(714/42).CCLS.	US-PGPUB USPAT;	2004/07/01 11:57
	121	(1142).000.	US-PGPUB	200 07, 01 11.0
-	60	(714/722).CCLS.	USPAT;	2004/07/01 14:11
_	219	(714/732).CCLS.	US-PGPUB USPAT;	2004/07/01 14:21
			US-PGPUB	
-	180	(714/26).CCLS.	USPAT; US-PGPUB	2004/07/01 15:06
_	264	(324/212).CCLS.	USPAT;	2004/07/01 16:26
			US-PGPUB	
-	3282	(365/200).CCLS.	USPAT; US-PGPUB	2004/07/01 16:26
_	2595	(365/201).CCLS.	USPAT;	2004/07/01 16:26
			US-PGPUB	2004/07/04
-	5448	((365/200).CCLS.) or ((365/201).CCLS.)	USPAT; US-PGPUB	2004/07/01 16:26
-	412	(382/149).CCLS.	USPAT;	2004/07/01 16:34
			US-PGPUB	
-	138	((382/149).CCLS.) and bit	USPAT; US-PGPUB	2004/07/01 17:13
-	275	((382/149).CCLS.) not bit	USPAT;	2004/07/06 09:27
			US-PGPUB	2004/07/07 00 25
-	10814	defect and cluster	USPAT; US-PGPUB	2004/07/06 09:27
-	936	defect with cluster	USPAT;	2004/07/06 09:28
		(1.6 - 26 1 - 2 - 112	US-PGPUB	2004/07/07 00 00
-	194	(defect with cluster) and bit	USPAT; US-PGPUB	2004/07/06 09:28
-	211	(defect with cluster) and bit\$4	USPAT;	2004/07/06 10:12
			US-PGPUB	2004/07/06 11:17
-	41	(defect with cluster) same (bit or bitmap or bit?map)	USPAT; US-PGPUB	2004/07/06 11:17
			US-PGPUB	

2 2498146" "939261", PN. USPAT 20040706 12:36 234211, CCLS. 20040706 13:08 20040706 15:54 20040706 15:54 20040706 15:54 20040706 15:54 20040706 15:54 20040706 15:54 20040706 15:54 20040706 15:54 20040706 15:54 20040706 15:54 20040706 15:54 20040706 15:54 20040706 15:54 20040706 15:54 20040706 15:54 20040706 15:54 20040706 15:54 20040706 15:54 20040706 15:17 20040706 15:54 20040706 15:54 20040706 15:55 20040706 15					
56 G34321I)CCLS 9 ("4344064" "4357100" "4437229" "4965515" "4992729" USPAT	-	1	("4498146" "5935261").PN.		
1	-			USPAT	2004/07/06 13:00
9	-	56	(324/211).CCLS.	USPAT;	2004/07/06 15:54
"5545570" "5565320" "5656402" "5825913" PN.		ĺ		US-PGPUB	
14 \$917332.URPN USPAT 20040706 f5:17 20040706 f	-	9		USPAT	2004/07/06 14:27
4	l -	14		USPAT	2004/07/06 14:27
G208751.URPN	_	1		1	
3 \$3751647" \$2319765" "\$240866"),PN. USPAT		1			
13 \$828778 UKPN CPS 20040706 15:31 20040706 15:35 20040706 16:06 20040706 17:30 20040706 17:30 20040706 17:30 20040706 17:30 20040706 17:30 20040706 17:30 20040706 17:30 20040706 17:30 20040706 17:30 20040706 17:30 20040706 17:30 20040706 17:30 20040706 17:30 20040706 17:30 20040706 17:30 20040706 17:30 20040706 17:30 20040706 17:30 20040706 17:30 200407070 10:05 200407070 10:05 200407070 10:05 200407070 10:05 200407070 10:05 200407070 10:05 200407070 10:05 200407070 10:05 200407070 10:05 200407070 10:05 200407070 10:05 200407070 10:05 200407070 10:05 200407070 10:05 200407070 10:05 200407070 10:05 200407070 10:05 200407070 10	[-	1			1
-	} -				1
2040/07/06 15:55 35 35 35 35 35 35 35	-				1
20407/06 15:55 20407/06 15:55 20407/06 15:55 20407/06 15:55 20407/06 15:55 20407/06 15:55 20407/06 15:55 20407/06 15:55 20407/06 15:55 20407/06 15:55 20407/06 15:55 20407/06 15:55 20407/06 15:05 20407/06 15:05 20407/06 15:05 20407/06 15:05 20407/06 15:05 20407/06 15:05 20407/06 15:05 20407/06 16:04 20407/06 16:04 20407/07 09:05 20407/07 09:05 2040	-	1			
408 "raster scan" and bitmap	-	9565	"raster scan"		2004/07/06 15:55
September Sept					
82 "raster scan" same bitmap	-	408	"raster scan" and bitmap		2004/07/06 15:55
September Sept				US-PGPUB	
S46825 error or fault\$1 or defect\$4 or bad USPAT; USPGPUB USPAT; U	-	82	"raster scan" same bitmap	USPAT;	2004/07/06 16:04
S46825 error or fault\$1 or defect\$4 or bad USPAT; USPGPUB USPAT; U				US-PGPUB	
2097306 cluster or pattern or group\$3 or collect\$4 or family	-	846825	error or fault\$1 or defect\$4 or bad		2004/07/06 16:06
2097306 cluster or pattern or group\$3 or collect\$4 or family					
Separation Usp-GPUB Usp-AT; Usp-GPUB Usp-AT	<u>-</u>	2097306	cluster or pattern or group\$3 or collect\$4 or family		2004/07/07 09:04
Separa	1	200,000	The state of grouppe of concess of turing		2301/01/01/07.04
1088002 bitmap or bit?map or "memory array" or matrix or map\$4 USPAT; US-PGPUB USPAT; US	_	841403	wafer or semiconductor or substrate		2004/07/06 16:12
559621 bitmap or bit?map or "memory array" or matrix or map\$4 USPAT; US-PGPUB US-PG, PGO, PGO, PGO, PGO, PGO, PGO, PGO,	-	041403	water of selficonductor of substrate		2004/07/00 10:12
1088002 bit or pixel or cell or defect US-PGPUB USPAT; US-		550(21	1.4		2004/05/06 16 15
1088002 bit or pixel or cell or defect USPAT; USPGPUB USPAT; USPAT; USPGPUB USPAT; USPGPUB USPAT; USPGPUB USPAT; USPAT; USPGPUB USPAT;	-	339621	bitmap or bit?map or "memory array" or matrix or map\$4		2004/07/06 16:15
- 34131 (error or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell or defect) - 948248 bit or pixel or cell - 25420 (error or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell) - 1822 ((error or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell) - 1822 ((error or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell)) with (bitmap or bit?map or "memory array" or matrix or map\$4) - 142 algorithm with cluster with (bit or (bitmap or bit?map or "memory array" or matrix or map\$4) - 19113 cluster - 19113 cluster - 105 (cluster and (bit or bitmap or bit?map)) and memory - 105 (cluster and (bit or bitmap or bit?map)) and memory - 12203 bitmap or bit?map or "memory array" - 19 (((error or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell or defect)) with (cluster or pattern or group\$3 or collect\$4) same (bitmap or bit?map) - 19 (((error or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell or defect)) with (cluster or pattern or group\$3 or collect\$4) same (bitmap or bit?map or bit?map) - 1847070 wafer or semiconductor or substrate - 1847070 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or patter	ŀ				
- 34131 (error or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell or defect) USPAT; US-PGPUB USPAT; US-PGPU	-	1088002	bit or pixel or cell or defect		2004/07/06 16:15
S-PGPUB US-PGPUB				US-PGPUB	
- 948248 bit or pixel or cell 25420 (crror or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell) 1822 ((crror or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell)) with (bitmap or bit?map or "memory array" or matrix or map\$4) 1822 ((crror or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell)) with (bitmap or bit?map or "memory array" or matrix or map\$4) 1822 ((crror or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell)) with (bitPAT; USPGPUB algorithm with cluster with (bit or (bitmap or bit?map or "memory array" usPGPUB uSPAT; USPAT; USPGPUB uspa	-	34131	(error or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell or defect)	USPAT;	2004/07/06 16:17
25420 (error or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell) US-PGPUB USPAT; US-PGPUB US-PGC, IPGC,				US-PGPUB	
25420 (error or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell) US-PGPUB USPAT; US-PGPUB US-PGC, IPGC,	-	948248	bit or pixel or cell	USPAT;	2004/07/06 16:17
- 25420 (crror or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell) USPAT; US-PGPUB USPA	İ				
- 1822 ((error or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell)) with (bitmap or bit?map or "memory array" or matrix or map\$4) - 142 algorithm with cluster with (bit or (bitmap or bit?map or "memory array" or matrix or map\$4) - 45 "clustering algorithm" and bitmap - 19113 cluster - 105 (cluster and (bit or bitmap or bit?map)) and memory - 105 (cluster and (bit or bitmap or bit?map)) and memory - 12203 bitmap or bit?map or "memory array" - 12203 bitmap or bit?map or "memory array" - 19 (((error or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell or defect)) with (cluster or pattern or group\$3 or collect\$4)) same (bitmap or bit?map) - 1847070 wafer or semiconductor or substrate - 12134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2004/07/06 16:21 - 1847070 wafer or semiconductor or substrate - 2004/07/06 17:32 - 2004/07/06 17:35 - 2004/07/06 17:35 - 2004/07/06 17:35 - 2004/07/06 17:37 - 2004/07/06 17:37 - 2004/07/06 17:37 - 2004/07/07 10:05 - 2004/07/07 10:05 - 2004/07/07 10:05 - 2004/07/07 10:05 - 2004/07/07 10:49 - 2004/07/07 10:49	-	25420	(error or fault\$1 or defect\$4 or bad) adi2 (bit or pixel or cell)		2004/07/06 16:19
1822			(
Citimap or bit?map or "memory array" or matrix or map\$4) US-PGPUB USPAT; US-PGPUB US-P	_	1822	((error or fault\$1 or defect\$4 or bad) adi2 (bit or pixel or cell)) with		2004/07/06 16:19
142 algorithm with cluster with (bit or (bitmap or bit?map or "memory array" USPAT; US-PGPUB US-PG		1022			2004/07/00 10:17
Or matrix or map\$4)	l _	1/12			2004/07/06 16:21
- 45 "clustering algorithm" and bitmap 19113 cluster 19113 cluster 105 (cluster and (bit or bitmap or bit?map)) and memory - 105 (cluster and (bit or bitmap or bit?map)) and memory - 156889 defect - 12203 bitmap or bit?map or "memory array" - 19 (((crror or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell or defect)) with (cluster or pattern or group\$3 or collect\$4)) same (bitmap or bit?map) - 1847070 wafer or semiconductor or substrate - 1847070 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2004/07/06 17:32 - 2004/07/06 17:32 - 2004/07/06 17:32 - 2004/07/06 17:32 - 2004/07/06 17:35 - 2004/07/06 17:35 - 2004/07/06 17:37 - 2004/07/06 17:37 - 2004/07/07 10:05 - 2004/07/07 10:05 - 2004/07/07 10:05 - 2004/07/07 10:49 - 2004/07/07 10:49	_	142			2004/07/00 10.21
- 19113 cluster		15			2004/07/06 17:22
- 1913 cluster	-	43	clustering argorithm and bitmap		2004/07/06 17:32
- 105 (cluster and (bit or bitmap or bit?map)) and memory		10112			2004/05/07 45 22
- 105 (cluster and (bit or bitmap or bit?map)) and memory	-	19113	cluster		2004/07/06 17:32
- 105 (cluster and (bit or bitmap or bit?map)) and memory - 156889 defect - 12203 bitmap or bit?map or "memory array" - 19 (((error or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell or defect)) with (cluster or pattern or group\$3 or collect\$4)) same (bitmap or bit?map or "memory array") - 357 cluster and (bit or bitmap or bit?map) - 1847070 wafer or semiconductor or substrate - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster and (bit or bitmap) - 2004/07/06 17:34 - 2004/07/06 17:35 - 2004/07/06 17:37 - 2004/07/06 17:37 - 2004/07/06 17:37 - 2004/07/06 17:37 - 2004/07/06 17:37 - 2004/07/06 17:37 - 2004/07/06 17:37 - 2004/07/06 17:37 - 2004/07/06 17:37 - 2004/07/06 17:37 - 2004/07/06 17:37 - 2004/07/06 17:37 - 2004/07/06 17:35 - 2004/07/06 17:36 - 2004/07/06 17:36 - 2004/07/06 17:36 - 2004/07/07 10:36 - 2004/07/07 10:49					
DERWENT; IBM_TDB EPO; JPO; DERWENT; EPO; JPO;				IBM_TDB	
- 156889 defect IBM_TDB EPO; JPO; DERWENT; IBM_TDB EPO; JPO; with (cluster or pattern or group\$3 or collect\$4)) same (bitmap or bit?map or "memory array") DERWENT; IBM_TDB EPO; JPO; DERWENT; IBM_TDB EPO; JPO	-	105	(cluster and (bit or bitmap or bit?map)) and memory		2004/07/06 17:34
- 156889 defect					
DERWENT; IBM_TDB EPO; JPO;					
- 12203 bitmap or bit?map or "memory array" - 19 (((error or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell or defect)) - with (cluster or pattern or group\$3 or collect\$4)) same (bitmap or bit?map or "memory array") - 357 cluster and (bit or bitmap or bit?map) - 1847070 wafer or semiconductor or substrate - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4	-	156889	defect	EPO; JPO;	2004/07/06 17:35
- 12203 bitmap or bit?map or "memory array" - 19 (((error or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell or defect)) with (cluster or pattern or group\$3 or collect\$4)) same (bitmap or bit?map or "memory array") - 357 cluster and (bit or bitmap or bit?map) - 1847070 wafer or semiconductor or substrate - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2004/07/06 17:37 EPO; JPO; DERWENT; IBM_TDB				DERWENT;	
- 12203 bitmap or bit?map or "memory array" - 19 (((error or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell or defect)) with (cluster or pattern or group\$3 or collect\$4)) same (bitmap or bit?map or "memory array") - 357 cluster and (bit or bitmap or bit?map) - 1847070 wafer or semiconductor or substrate - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2004/07/06 17:37 EPO; JPO; DERWENT; IBM_TDB					
- 19 (((error or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell or defect)) with (cluster or pattern or group\$3 or collect\$4)) same (bitmap or bit?map or "memory array") - 357 cluster and (bit or bitmap or bit?map) - 1847070 wafer or semiconductor or substrate - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4	-	12203	bitmap or bit?map or "memory array"		2004/07/06 17:37
- 19 (((error or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell or defect)) with (cluster or pattern or group\$3 or collect\$4)) same (bitmap or bit?map or "memory array") cluster and (bit or bitmap or bit?map) - 1847070 wafer or semiconductor or substrate - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4 - 2134725 cluster or pattern or group\$3 or collect\$4					
- 19 (((error or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell or defect)) EPO; JPO; with (cluster or pattern or group\$3 or collect\$4)) same (bitmap or bit?map or "memory array") IBM_TDB EPO; JPO; DERWENT; IBM_TDB EPO; JPO; DERW				1	
with (cluster or pattern or group\$3 or collect\$4)) same (bitmap or bit?map or "memory array") - 357 cluster and (bit or bitmap or bit?map) - 1847070 wafer or semiconductor or substrate - 2134725 cluster or pattern or group\$3 or collect\$4 with (cluster or pattern or group\$3 or collect\$4)) same (bitmap or bitmap or bitmap or bit?map) EPO; JPO; DERWENT; IBM_TDB EPO; JPO; DERWENT; IBM_TDB EPO; JPO; DERWENT; DERWENT; DERWENT; DERWENT; DERWENT; DERWENT;	_	19	(((error or fault\$1 or defect\$4 or had) adi2 (bit or pixel or cell or defect))		2004/07/06 17:40
bit?map or "memory array")		1			200,,07,0017.40
- 357 cluster and (bit or bitmap or bit?map) - 1847070 wafer or semiconductor or substrate - 184725 cluster or pattern or group\$3 or collect\$4 EPO; JPO; DERWENT; IBM_TDB EPO; JPO; DERWENT; IBM_TDB EPO; JPO; DERWENT;					
- 1847070 wafer or semiconductor or substrate	١.	257			2004/07/07 00.50
- 1847070 wafer or semiconductor or substrate	-	33/	Gustor and (bit or orthiap or orthiap)		2004/07/07 08:39
- 1847070 wafer or semiconductor or substrate					
- 2134725 cluster or pattern or group\$3 or collect\$4 DERWENT; IBM_TDB EPO; JPO; DERWENT;		10.555			
- 2134725 cluster or pattern or group\$3 or collect\$4 IBM_TDB EPO; JPO; DERWENT;	-	1847070	water or semiconductor or substrate		2004/07/07 10:05
- 2134725 cluster or pattern or group\$3 or collect\$4 EPO; JPO; DERWENT; 2004/07/07 10:49					
DERWENT;					
	-	2134725	cluster or pattern or group\$3 or collect\$4		2004/07/07 10:49
IBM_TDB					
				IBM_TDB	

-	1088468	bit or pixel or cell or defect	EPO; JPO;	2004/07/07 09:00
			DERWENT;	
			IBM_TDB	
-	13190	(error or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell or defect)	EPO; JPO;	2004/07/07 09:00
			DERWENT;	
			IBM_TDB	
-	1353	"clustering algorithm"	USPAT;	2004/07/07 09:01
			US-PGPUB	
-	691527	error or fault\$1 or defect\$4 or bad	EPO; JPO;	2004/07/07 09:05
			DERWENT;	
]		IBM_TDB	
-	304	(((error or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell)) with	USPAT;	2004/07/07 09:06
		(bitmap or bit?map or "memory array" or matrix or map\$4)) same (cluster	US-PGPUB	
]	or pattern or group\$3 or collect\$4 or family)		
-	177	(((error or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell)) with	USPAT;	2004/07/07 09:03
		(bitmap or bit?map or "memory array" or matrix or map\$4)) with (cluster	US-PGPUB	
		or pattern or group\$3 or collect\$4 or family)		
-	1050	((error or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell or defect))	EPO; JPO;	2004/07/07 09:03
		with (cluster or pattern or group\$3 or collect\$4)	DERWENT;	
			IBM_TDB	
-	2074553	cluster or pattern or group\$3 or collect\$4	USPAT;	2004/07/07 09:04
			US-PGPUB	
-	1086	(cluster or pattern or group\$3 or collect\$4) adj algorithm	USPAT;	2004/07/07 09:05
			US-PGPUB	
-	127	((((error or fault\$1 or defect\$4 or bad) adj2 (bit or pixel or cell)) with	USPAT;	2004/07/07 09:06
		(bitmap or bit?map or "memory array" or matrix or map\$4)) same (cluster	US-PGPUB	
		or pattern or group\$3 or collect\$4 or family)) not ((((error or fault\$1 or		
		defect\$4 or bad) adj2 (bit or pixel or cell)) with (bitmap or bit?map or		
		"memory array" or matrix or map\$4)) with (cluster or pattern or group\$3		
	İ	or collect\$4 or family))		
-	841403	wafer or semiconductor or substrate	USPAT;	2004/07/07 10:05
			US-PGPUB	
-	194	((cluster or pattern or group\$3 or collect\$4) adj algorithm) and (wafer or	USPAT;	2004/07/07 10:26
	i	semiconductor or substrate)	US-PGPUB	
-	74	(cluster or pattern or group\$3 or collect\$4) adj algorithm	EPO; JPO;	2004/07/07 10:50
			DERWENT;	
			IBM_TDB	
-	6	("3751647" "4579455" "5274434" "5317380" "5325443"	USPAT	2004/07/07 11:15
		"5464779").PN.		
-	10	5913105.URPN.	USPAT	2004/07/07 11:15
-	4	("5047863" "5272536" "5657400" "5854655").PN.	USPAT	2004/07/07 12:45
-	1	6661456.URPN.	USPAT	2004/07/07 12:50
-	2	("4686563" "4896227").PN.	USPAT	2004/07/07 12:54
-	29	5212677.URPN.	USPAT	2004/07/07 12:54
-	13	5828778.URPN.	USPAT	2004/07/07 13:04
-	13	5828778.URPN.	USPAT	2004/07/07 13:07
-	3	("3751647" "5219765" "5240866").PN.	USPAT	2004/07/07 13:08
-	18	("T944007" "4253768" "4432641" "4477926" "4519041"	USPAT	2004/07/07 13:10
		"4587617" "4801869" "4876455" "4969198" "4988202" "5085517"		
		"5086397" "5129009" "5131755" "5159547" "5179634"		
		"5191638" "5208898").PN.		
-	95	5544256.URPN.	USPAT	2004/07/07 13:15
-	10	("4974261" "5065442" "5219765" "5240866" "5319720"	USPAT	2004/07/07 14:24
		"5463459" "5557438" "5617487" "5663569" "5664085").PN.		
-	2	5923554.URPN.	USPAT	2004/07/07 14:26
-	598	bit adj bitmap	USPAT;	2004/07/07 14:36
			US-PGPUB	
-	7	(bit adj bitmap) with (distance or spacing)	USPAT;	2004/07/07 14:38
			US-PGPUB	
-	74	(bit adj bitmap) and cluster	USPAT;	2004/07/07 16:54
			US-PGPUB	
-	8	6185324.URPN.	USPAT	2004/07/07 14:44
-	16	("3873972" "4189711" "4365318" "4449818" "4659220"	USPAT	2004/07/07 14:45
		"4719357" "4783841" "4908871" "4928313" "4965515" "4969198"		
		"5070532" "5109438" "5153444" "5216726" "5228097").PN.	<u></u>	

-	26	("3751647" "3873972" "4189711" "4365318" "4449818"	USPAT	2004/07/07 14:50
		"4659220" "4719357" "4783841" "4817184" "4851902" "4881863"		
		"4894790" "4908871" "4928313" "4942618" "4958373"		
		"4965515" "4969198" "5070532" "5093797" "5109438" "5153444"		
		"5216726" "5228097" "5497381" "5841893").PN.	HODAT	2004/07/07 14 52
-	32	5497381.URPN.	USPAT	2004/07/07 14:53
-	9	("3522838" "3816746" "4187051" "4274802" "4298307"	USPAT	2004/07/07 14:58
	26	"4501527" "4518078" "4547119" "4584045").PN. ("3751647" "3873972" "4189711" "4365318" "4449818"	USPAT	2004/07/07 14:59
-	26	(3731647 3873972 4189711 4363318 4449818	USPAT	2004/07/07 14:39
		"4894790" "4908871" "4928313" "4942618" "4958373"		
		"4965515" "4969198" "5070532" "5093797" "5109438" "5153444"		
		"5216726" "5228097" "5497381" "5841893").PN.		
_	2	6404911.URPN.	USPAT	2004/07/07 14:59
_	6	("5680207" "5744381" "5991699" "5995219" "6064484"	USPAT	2004/07/07 15:42
		"6404911").PN.		
-	11	("5103557" "5210041" "5219765" "5240866" "5286656"	USPAT	2004/07/07 16:17
		"5360747" "5440649" "5475766" "5544256" "5598341"		
	i	"5665609").PN.		
-	43	5991699.ÚRPN.	USPAT	2004/07/07 16:27
-	1	6556955.URPN.	USPAT	2004/07/07 16:35
-	26	("3751647" "3873972" "4189711" "4365318" "4449818"	USPAT	2004/07/07 16:35
		"4659220" "4719357" "4783841" "4817184" "4851902" "4881863"		
		"4894790" "4908871" "4928313" "4942618" "4958373"		
		"4965515" "4969198" "5070532" "5093797" "5109438" "5153444"		
		"5216726" "5228097" "5497381" "5841893").PN.		
-	362	"clustering algorithm" same (distance or spacing or spatial\$2)	USPAT;	2004/07/07 17:06
	202	(0.1	US-PGPUB	2004/07/07 17:00
-	283	("clustering algorithm" same (distance or spacing or spatial\$2)) and (bit	USPAT; US-PGPUB	2004/07/07 17:00
	36	or bitmap or bit?map or map\$4 or array) ("clustering algorithm" same (distance or spacing or spatial\$2)) same (bit	US-PGPUB USPAT;	2004/07/07 17:00
-	30	or bitmap or bit?map or map\$4 or array)	US-PGPUB	2004/07/07 17:00
_	173	"clustering algorithm" with (distance or spacing or spatial\$2)	USPAT;	2004/07/07 17:06
_	173	clustering argorithm. With (distance of spacing of spanial \$\pi^2)	US-PGPUB	200 1101707 17100
_	634	"hierarchical clustering"	USPAT;	2004/07/07 17:49
		3	US-PGPUB	
-	1	("6223303").PN.	USPAT;	2004/07/08 10:29
			US-PGPUB	
-	6	6223303.URPN.	USPAT	2004/07/08 09:56
-	6	("5075804" "5367652" "5646923" "5822142" "6025966"	USPAT	2004/07/08 10:35
		"6154858").PN.		
-	13741	bit near3 (proximity or "near" or adjacent)	USPAT;	2004/07/08 10:33
			US-PGPUB	0004/07/00 : 5 5
-	626	(bit near3 (proximity or "near" or adjacent)) with (cluster\$3 or group\$3)	USPAT;	2004/07/08 10:33
	11200	114 on 2 Anna Santa and Bara Bara Bara S	US-PGPUB	2004/07/08 10 22
-	11200	bit near2 (proximity or "near" or adjacent)	USPAT;	2004/07/08 10:33
	404	(hit noon) (provimity on "poor" or adiacout)) with (cluster ?? on one on ??)	US-PGPUB	2004/07/09 10:22
-	494	(bit near2 (proximity or "near" or adjacent)) with (cluster\$3 or group\$3)	USPAT; US-PGPUB	2004/07/08 10:33
	10	(bit near2 (proximity or "near" or adjacent)) with cluster\$3	US-PGPUB USPAT	2004/07/08 16:22
1	297	(algorithm or technique) near3 ((cluster\$3 or group\$3) near3 (bit or node	USPAT	2004/07/08 16:22
-	29/	or vertex or pixel))	USIAI	2007/07/00 10.33
_	10	("4213183" "4344146" "4403294" "4433385" "4484081"	USPAT	2004/07/08 17:08
		"4561061" "4587617" "4663727" "4697245" "4752895").PN.		250 0 // 00 17.00
_	26	4896278.URPN.	USPAT	2004/07/08 17:13
-	6	("3694658" "3729619" "3795452" "3964830" "4002823"	USPAT	2004/07/09 09:03
		"4183013").PN.		
-	18	4484081.URPN.	USPAT	2004/07/09 09:31
-	4	(constrain\$2 near3 (zone or section or quadrant or half or region)) with	USPAT;	2004/07/09 13:46
		bitmap	US-PGPUB	
-	1	(("must be" or confined) near3 (zone or section or quadrant or half or	USPAT;	2004/07/09 15:18
		region)) with bitmap	US-PGPUB	
-	15871	flag\$4 near3 (bitmap or bit or bit?map)	USPAT;	2004/07/09 15:18
	1		US-PGPUB	

-	893	(flag\$4 near3 (bitmap or bit or bit?map)) near3 (error or fail\$2 or	USPAT;	2004/07/09 15:19
		defect\$3)	US-PGPUB	
-	299	((flag\$4 near3 (bitmap or bit or bit?map)) near3 (error or fail\$2 or	USPAT;	2004/07/09 15:20
		defect\$3)) with (set\$4 or reset\$4)	US-PGPUB	
-	26	algorithm same ((first and second) with state) same (set\$4 near2 flag)	USPAT	2004/07/12 09:45